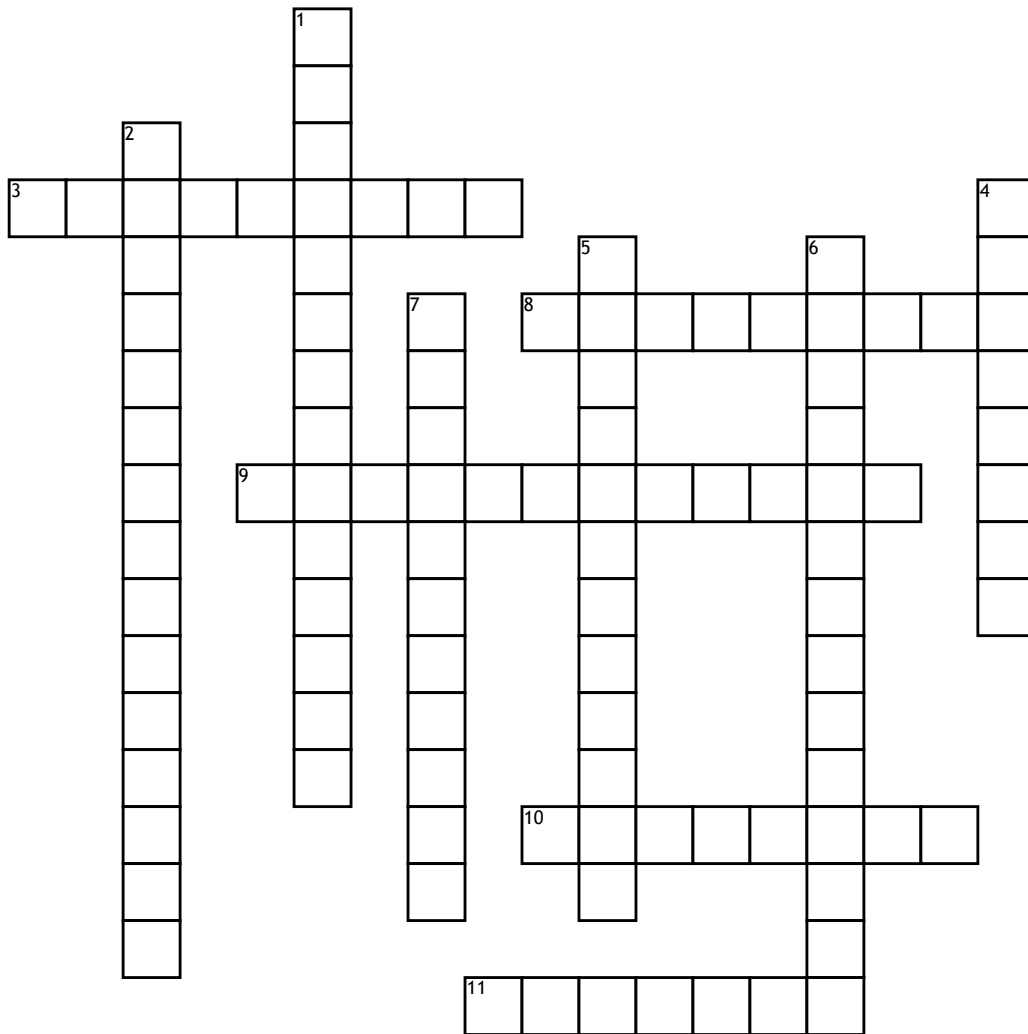


Name: _____

Date: _____

Parts of the Cell



Across

3. When chromosomes don't divide this is called?
 8. Smooth endoplasmic reticulum is free of what?
 9. This area is where cellular respiration occurs.
 10. What part of a cell is only found in plants and helps protect and maintain shape?
 11. Part of a cell that carries all the genetic material

Down

1. What type of cell contains a membrane closed nucleus?
 2. What type of cell does not contain organelles?
 4. This part of the endomembrane system recycles cellular material.
 5. Cilia and flagella make up what part of a cytoskeleton?
 6. This part of the endomembrane system synthesises polysaccharides.
 7. This is where photosynthesis occurs.

Word Bank

| | | | |
|-----------------|-----------------|------------------|--------------|
| Nucleus | Chloroplast | prokaryotic cell | Microtubules |
| lysosome | Cell wall | chromatin | ribosomes |
| golgi apparatus | eukaryotic cell | Mitochondria | |